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Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-14. (Cancelled)

15. (Currently amended) A method for detecting an analyte of a sample, comprising the steps of:

contacting a compound with the analyte an antibody-bound analyte having a binding site for the compound; and

detecting the presence of the compound, wherein the compound has the formula

and wherein R₁₀ is methyl or (CH₂)₃SO₃, and X is a counter ion

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- 16. (Previously presented) The method of claim 15, further comprising a step of exposing the compound to an enzyme.
- 17. (Previously presented) The method of claim 16, wherein the enzyme is horseradish peroxidase.
- 18. (Previously presented) The method of claim 16, wherein the enzyme is coupled to an antibody.
- 19. (Previously presented) The method of claim 15, wherein the steps are performed at a basic pH.
- 20. (Previously presented) The method of claim 19, wherein the pH is between about 7 and about 8.5.
- 21. (Currently amended) The method of claim 15, wherein the detecting step comprises measuring the amount of the compound to determine the concentration of the compound.
- 22. (Previously presented) The method of claim 15, wherein the detecting step comprises measuring a chemiluminescent signal.
- 23. (Previously presented) The method of claim 22, wherein the chemiluminescent signal is measured at a wavelength of 360 nm
- 24. (Previously presented) The method of claim 15, further comprising a step of immobilizing the analyte on a substrate.

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- 25. (Previously presented) The method of claim 23, wherein the substrate comprises magnetic particles.
- 26. (Currently amended) A composition for detecting an analyte in a sample, comprising:

a compound having the formula

wherein R_{10} is methyl or $(CH_2)_3SO_3$, and X is a counter ion

- 27. (Previously presented) The composition of claim 26, wherein the composition is a liquid.
- 28. (Previously presented) The composition of claim 26, wherein the composition has a pH of about 5 to about 7.
- 29. (Previously presented) The composition of claim 28, wherein the compound has a shelf life of at least six months.

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- 30. (New) The method of claim 15, wherein X is selected from the group consisting of CH₃SO₄, OSO₂F, Cl, Br, OSO₂CH₃, and OSO₂C₄H₂.
- 31. (New) The composition of claim 26, wherein X is selected from the group consisting of CH₃SO₄, OSO₂F, Cl, Br, OSO₂CH₃, and OSO₂C₄H₉.